



Tennessee Department of Environment and Conservation
Division of Water Resources
William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243
1-888-891-8332 (TDEC)

Municipal Separate Storm Sewer System (MS4) Annual Report

1. MS4 INFORMATION

City of Martin, TN TNS077607
Name of MS4 MS4 Permit Number
Mike W. Brundige mbrundige@cityofmartin.net
Name of Contact Person Email Address

731-587-3126
Telephone (including area code)

109 University Street, PO Box 290
Mailing Address

Martin TN 38237
City State ZIP code

What is the current population of your MS4? 11,359

What is the reporting period for this annual report? From July 2015 to June 2016

2. WATER QUALITY PRIORITIES (SECTION 3.1)

- A. Does your MS4 discharge into waters listed as impaired on TN's most current 303(d) list and/or according to the on-line GIS mapping tool? ☒ Yes ☐ No
- B. If yes, please attach a list all impaired waters within your jurisdictional area.
- C. Does your MS4's jurisdictional area contain any waterbodies where a TMDL has been approved for parameters other than pathogens, siltation and habitat alterations? If yes, please attach a list. ☐ Yes ☒ No
- D. Does your MS4 discharge to any Exceptional TN Waters (ETWs) or Outstanding National Resource Waters (ONRWs)? If yes, please attach a list. ☐ Yes ☒ No
No direct discharge; ETWs located several miles downstream
- E. Are you implementing additional specific provisions to ensure the continued integrity of ETWs or ONRWS located within your jurisdiction? ☐ Yes ☒ No

3. PROTECTION OF STATE OR FEDERALLY LISTED SPECIES (SECTION 3.2.1 General Permit for Phase II MS4s)

- A. Are there any state or federally listed species within the MS4's jurisdiction? ☒ Yes ☐ No
- B. Are any of the MS4 discharges or discharge-related activities likely to jeopardize any state or federally listed species? ☐ Yes ☒ No
- C. Please attach any authorizations or determinations by U.S. Fish & Wildlife Service on the effect of the MS4 discharges on state or federally listed species. [See note in Attachments]

4. PUBLIC EDUCATION AND PUBLIC PARTICIPATION (SECTION 4.2.1 AND 4.2.2)

- A. Have you developed a Public Information and Education plan (PIE)? (See Attachment) ☐ Yes ☒ No
- B. Is your public education program targeting specific pollutants and sources of those pollutants, such as Hot Spots? ☒ Yes ☐ No

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- C. If yes, what are the specific causes, sources and/or pollutants addressed by your public education program?

Litter, Yard Debris, and Other Visible Materials Discarded into Waterways; Construction Sites

- D. Note specific successful outcome(s) (NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period. Less debris will be observed in the waterways and residents will be aware of stormwater hotline and use it to report possible violations; Fewer violations will be observed at construction sites.

- E. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program? ☐ Yes ☒ No

- F. How do you facilitate, advertise, and publicize public involvement and participation opportunities?
List on website

- G. Do you have a webpage dedicated to your stormwater program? ☐ Yes ☒ No
Stormwater information is posted on the Building Codes webpage.
If so, what is the link/URL: http://www.cityofmartin.net/building-codes/

- H. Are you tracking and maintaining records of public education, outreach, involvement and participation activities? Please attach a summary of these activities. ☒ Yes ☐ No

5. ILLICIT DISCHARGE DETECTION AND ELIMINATION (SECTION 4.2.3)

- A. Have you completed a map of all outfalls and receiving waters of your storm sewer system? Mapping of the drainage system is underway. Paper maps are available. ☐ Yes ☒ No

- B. Have you completed a map of all storm drain pipes of storm sewer system? Mapping of the drainage system is underway. Paper maps are available. ☐ Yes ☒ No

- C. How many outfalls have you identified in your system? To Be Determined

- D. Have any of these outfalls been screened for dry weather discharges? ☐ Yes ☒ No

- F. What is your frequency for screening outfalls for illicit discharges? N/A

- G. Do you have an ordinance that effectively prohibits illicit discharges? ☒ Yes ☐ No

- H. During this reporting period, how many illicit discharges/illegal connections have you discovered (or been reported to you)? 0

- I. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated? 0

6. CONSTRUCTION SITE STORMWATER RUNOFF (SECTION 4.2.4)

- A. Do you have an ordinance or adopted policies stipulating:

Erosion and sediment control requirements? ☒ Yes ☐ No

Other construction waste control requirements? ☒ Yes ☐ No

Requirement to submit construction plans for review? ☒ Yes ☐ No

MS4 enforcement authority? ☒ Yes ☐ No

- B. How many active construction sites disturbing at least one acre were there in your jurisdiction this reporting period? 32 Permitted Sites per the TDEC Permits Database; City is in the process of verifying sites.

- C. How many of these active sites did you inspect this reporting period? 0 (Per meeting with TDEC, City personnel are being trained in EPSC inspection)

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- D. On average, how many times each, or with what frequency, were these sites inspected (e.g., weekly, monthly, etc.)?

To Be Determined,
Monthly
inspections are
planned

- E. Do you prioritize certain construction sites for more frequent inspections?

☐ Yes ☒ No

If Yes, based on what criteria? _____

7. PERMANENT STORMWATER CONTROLS (SECTION 4.2.5)

- A. Do you have an ordinance or other mechanism to require:

Site plan reviews of all new and re-development projects?

☒ Yes ☐ No

Maintenance of stormwater management controls?

☒ Yes ☐ No

Retrofitting of existing BMPs with green infrastructure BMPs?

☐ Yes ☒ No

- B. What is the threshold for new/redevelopment stormwater plan review? (e.g., all projects, projects disturbing greater than one acre, etc.) All Projects

- C. Have you implemented and enforced performance standards for permanent stormwater controls?

☐ Yes ☒ No

- D. Do these performance standards go beyond the requirements found in Section 4.2.5.2 and require that pre-development hydrology be met for:

Flow volumes

☐ Yes ☒ No

Peak discharge rates

☐ Yes ☒ No

Discharge frequency

☐ Yes ☒ No

Flow duration

☐ Yes ☒ No

- E. Please provide the URL/reference where all permanent stormwater management standards can be found.

Martin will adopt the State Manual when it is available.

The Stormwater Ordinance is on-line at <http://www.cityofmartin.net/building-codes/>

- F. How many development and redevelopment project plans were reviewed for this reporting period? 0

- G. How many development and redevelopment project plans were approved? 0

- H. How many permanent stormwater management practices/facilities were inspected? 0

- I. How many were found to have inadequate maintenance? 0

- J. Of those, how many were notified and remedied within 30 days? (If window is different than 30 days, please specify) N/A

- K. How many enforcement actions were taken that address inadequate maintenance? 0

- L. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance?

☐ Yes ☒ No

- M. Do all municipal departments and/or staff (as relevant) have access to this tracking system?

☐ Yes ☒ No

- N. Has the MS4 developed a program to allow for incentive standards for redeveloped sites?

☐ Yes ☒ No

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O. How many maintenance agreements has the MS4 approved during the reporting period? 0

8. CODES AND ORDINANCES REVIEW AND UPDATE (SECTION 4.2.5.3)

- A. Is a completed copy of the EPA Water Quality Scorecard submitted with this report? ☐ Yes ☒ No
- B. Include status of implementation of code, ordinance and/or policy revisions associated with permanent stormwater management. Tennessee Model Stormwater Ordinance Adopted in 2016

9. STORMWATER MANAGEMENT FOR MUNICIPAL OPERATIONS (SECTION 4.2.6)

- A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:
- | | | |
|---|------------------------------|--|
| All parks, ball fields and other recreational facilities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| All municipal turf grass/landscape management activities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| All municipal vehicle fueling, operation and maintenance activities | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| All municipal maintenance yards | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| All municipal waste handling and disposal areas | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
- B. Are stormwater inspections conducted at these facilities? ☒ Yes ☐ No
1. If Yes, at what frequency are inspections conducted? Informal inspections conducted as needed:
Formal inspection format can be developed as needed
- C. Have standard operating procedures or BMPs been developed for all MS4 field activities? (e.g., road repairs, catch basin cleaning, landscape management, etc.)
- | | | |
|--|---|-----------------------------|
| Stormwater Pollution Prevention Procedures have been developed for Public Works
Street/Stormwater Drain Maintenance, Parks and Recreation Parks/Ballfields,
Public Works Shops, and Parks and Recreation Maintenance Shop. | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
|--|---|-----------------------------|
- D. Do you have a prioritization system for storm sewer system and permanent BMP inspections? ☐ Yes ☒ No
- E. On average, how frequently are catch basins and other inline treatment systems inspected?
Annually and more often as needed for flood control
- F. On average, how frequently are catch basins and other inline treatment systems cleaned out/maintained?
Annually and more often as needed for flood control
- G. Do municipal employees in all relevant positions and departments receive comprehensive training on stormwater management? ☐ Yes ☒ No
- H. If yes, do you also provide regular updates and refreshers? ☐ Yes ☒ No
- If so, how frequently and/or under what circumstances? N/A

10. STORMWATER MANAGEMENT PROGRAM UPDATE (SECTION 4.4)

- A. Describe any changes to the MS4 program during the reporting period including but not limited to:
(See Section 4. A. in Attachment)
- Changes adding (but not subtracting or replacing) components, controls or other requirements (Section 4.4.2.a).
(See Section 4. A. in Attachment)
- Changes to replace an ineffective or unfeasible BMP (Section 4.4.2.b).
(See Section 4. A. in Attachment)

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Information (e.g. additional acreage, outfalls, BMPs) on program area expansion based on annexation or newly urbanized areas. None

Changes to the program as required by the division (Section 4.4.3).

(See Section 4. A. in Attachment)

11. EVALUATING/MEASURING PROGRESS

- A. What indicators do you use to evaluate the overall effectiveness of your Stormwater Management Program, how long have you been tracking them, and at what frequency? Note that these are not measurable goals for individual BMPs or tasks, but large-scale or long-term metrics for the overall program, such as in-stream macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Indicator	Began Tracking (year)	Frequency	Number of Locations
<i>Example: E. coli</i>	<i>2003</i>	<i>Weekly April-September</i>	<i>20</i>
None			

- B. Provide a summary of data (e.g., water quality information, performance data, modeling) collected in order to evaluate the performance of permanent stormwater controls installed throughout the system. This evaluation may include a comparison of current and past permanent stormwater control practices. None

12. ENFORCEMENT (SECTION 4.5)

- A. Identify which of the following types of enforcement actions you used during the reporting period, indicate the number of actions, the minimum measure (e.g., construction, illicit discharge, permanent stormwater control) or note those for which you do not have authority:

Action	Construction	Permanent Stormwater Controls	Illicit Discharge	Authority?	
Notice of violation	# <u>0</u>	# <u>0</u>	# <u>0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Administrative fines	# <u>0</u>	# <u>0</u>	# <u>0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Stop Work Orders	# <u>0</u>	# <u>0</u>	# <u>0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Civil penalties	# <u>0</u>	# <u>0</u>	# <u>0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Criminal actions	# <u>0</u>	# <u>0</u>	# <u>0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Administrative orders	# <u>0</u>	# <u>0</u>	# <u>0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Other _____	# _____	# _____	# _____		

- B. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions in your jurisdiction? (Being Developed) ☐ Yes ☒ No

- C. What are the 3 most common types of violations documented during this reporting period?
None noted; Expect to see sediment, yard debris and trash

13. PROGRAM RESOURCES (OPTIONAL)

- A. What was your annual expenditure to implement the requirements of your MS4 NPDES permit and SWMP this past reporting period? \$20,000

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- B. What is next year's budget for implementing the requirements of your MS4 NPDES permit and SWMP?

\$50,000

- C. Do you have an independent financing mechanism for your stormwater program? ☐ Yes ☒ No

- D. If so, what is it/are they (e.g., stormwater fees), and what is the annual revenue derived from this mechanism?

Source:

Amount \$

Source:

Amount \$

- E. How many full time employees does your municipality devote to the stormwater program (specifically for implementing the stormwater program vs. municipal employees with other primary responsibilities that dovetail with stormwater issues)? 0 (MS4 Program Manager is also City Building Inspector)

- F. Do you share program implementation responsibilities with any other entities? ☐ Yes ☒ No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism
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- G. Please attach a copy of your Organizational Chart

SEE ATTACHMENTS

14. CERTIFICATION

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in sub-part 6.7.2 of the permit.

"I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury."

penalty of perjury. MAYOR
RANDY BRUNDIGE
 Printed Name and Title


Signature

9-9-16
Date

Annual reports must be submitted in accordance with the requirements of Section 5.4. (Reporting) of the permit. Annual reports must be submitted to the appropriate Environmental Field Office (EFO) by September 30 of each calendar year, as shown in the table below:

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	540 McCallie Avenue STE 550	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 432-4015
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000

ATTACHMENTS

Reporting Period: July 2015 to June 2016

City of Martin, TN	TNS077607	
Name of MS4	MS4 Permit Number	
Mike W. Brundige	mbrundige@cityofmartin.net	
Name of Contact Person	Email Address	
731-587-3126		
Telephone (including area code)		
109 University Street, PO Box 290		
Mailing Address		
Martin	TN	38237
City	State	ZIP code

2. A. - B. Cane Creek [TN080102030205-0100]

3. A. - C. No threatened or endangered aquatic species were listed in the July 2016 draft "Year 2016 303(d) LIST" posted to the TDEC website. Attached is a list of the rare species shown for the City of Martin from the "TDEC Rare Species Dataviewer" on the TDEC website. Also attached is the list from the Fish and Wildlife Service (FWS) website for Weakley County. Note that the FWS website does not have an option to search for a specific city and the two listed species are bats and are listed over a wide area of Tennessee, including Weakley County.

4. A. In December of 2015, representatives from the TDEC, MTAS and the City of Martin met to discuss assistance with the City of Martin's MS4 program. At the meeting, it was agreed that due to the impending issuance of the new TN Small MS4 Permit, the City of Martin would be granted an extension to develop the Public Information and Education Plan (PIE), Stormwater Management Plan (SWMP), and Enforcement Response Plan (ERP) until one year after issuance of the new TN Small MS4 Permit. On December 10, 2015, Mike Brundige, the City's MS4 Program Manager followed up with a letter documenting the results of the meeting and on December 21, 2015, TDEC confirmed receipt of the letter from the City of Martin. On January 20, 2016, the City contracted with Thomas B. Lawrence, PE for completion of the PIE, SWMP, ERP. The City has continued with implementation of its permit requirements until such time as the new permit is issued. As of August 30, 2016, the new Tennessee Small MS4 Permit has not been issued.

4. H. Public Educational Activities:

December 11-13, 2015 - Set up a table and distributed 60 stormwater information brochures in Santa's Village.

April 2, 2016 - Martin Beautiful had a Spring Seminar.

April 12, 2016 – A college group cleaned up a portion of Cane Creek.

April 23 – 30, 2016 – Provided stormwater educational materials at a table setup during the World's Biggest Fish Fry Event in Paris, TN in cooperation with the City of Paris.

April 25-29, 2016 -- A City-wide cleanup was conducted.

June 13, 2016 and on-going, The City is adding stormwater messages printed on the water bills.

13. G. See attached Organizational Chart

Stormwater Rare Species



Rare Species by Watershed Rare Species by County Rare Species by Quadrangle Stormwater Programs

- Important Guidance
- Download Status and Ranks
- Key to Status and Ranks

Rare Species by Stormwater MS4 Program

Date Current as of January 2016

Go Rows 25 Actions

Row text contains 'Martin' ✓

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Program Name	MS4 Permit	Huc 8	Huc 12	Huc 12 Name	Type	Category	Scientific Name	Common Name	Global Rank	State Rank	Fed Status	State Status	Habitat Description
Washington County	TNS075787	06010108	060101080606	Martin Creek-Nolichucky River	Vascular Plant	Flowering Plant	Trillium luteum	Southern Nodding Trillium	G3	S2	-	E	Rich Mountain Woods
Martin	TNS077607	06010203	060102030502	Cane Creek	Vertebrate Animal	Bird	Icthyophaga	Barn Owl	G5	S3	-	D	Open and partly open country, often around human habitation; farms.
Martin	TNS077607	06010203	060102030502	Cane Creek	Vertebrate Animal	Mammal	Synaptotis	Southern Bog Lemming	G5	S4	-	D	Marshy meadows, wet bays, & rich upland forests.
Martin	TNS077607	06010203	060102030502	Cane Creek	Vertebrate Animal	Mammal	Convolvulus	Rafinesque's Big-eared Bat	G304	S3	-	D	Caves, hollow trees, abandoned buildings; often associated with forested areas.

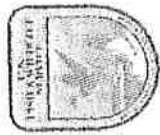
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If you have any questions or comments, Email ask.tnec@tn.gov or call at (888) 881-TDEC (8332).

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Species By County Report

The following report contains Species that are known to or are believed to occur in this county. Species with range unrefined past the state level are now excluded from this report. If you are looking for the Section 7 range (for Section 7 Consultations), please visit the [IPaC](#) application.

County: Weakley, Tennessee



CSV

Need to contact a FWS field office about a species? Follow [this link](#) to find your local FWS Office.

Group	Name	Population	Status	Lead Office	Recovery Plan	Recovery Plan Action Status	Recovery Plan Stage
Mammals	Indiana bat (<i>Myotis sodalis</i>)	Entire	Endangered	Bloomington Ecological Services Field Office	Indiana Bat (<i>Myotis sodalis</i>) Draft Recovery Plan: First Revision	Implementation Progress	Draft Revision 1
Mammals	Northern Long-Eared Bat (<i>Myotis septentrionalis</i>)		Threatened	Twin Cities Ecological Services Field Office			

City of Martin

